

Đề bài

$$\begin{array}{ll} \text{a) } \frac{6x^2y^2}{8xy^5}; & \text{b) } \frac{10xy^2(x+y)}{15xy(x+y)^3}; \\ \text{c) } \frac{2x^2+2x}{x+1}; & \text{d) } \frac{x^2-xy-x+y}{x^2+xy-x-y} \end{array}$$

Đáp án lời giải

$$\begin{array}{ll} \text{a) } \frac{6x^2y^2}{8xy^5} = \frac{3x \cdot 2xy^2}{4y^3 \cdot 2xy^2} = \frac{3x}{4y^3} \\ \text{b) } \frac{10xy^2(x+y)}{15xy(x+y)^3} = \frac{2y \cdot 5xy(x+y)}{3(x+y)^2 \cdot 5xy(x+y)} = \frac{2y}{3(x+y)^2} \\ \text{c) } \frac{2x^2+2x}{x+1} = \frac{2x(x+1)}{x+1} = 2x \\ \text{d) } \frac{x^2-xy-x+y}{x^2+xy-x-y} = \frac{x(x-y)-(x-y)}{x(x+y)-(x+y)} = \frac{(x-y)(x-1)}{(x+y)(x-1)} = \frac{x-y}{x+y} \end{array}$$